

L Number	Hits	Search Text	DB	Time stamp
3	5	09/360292	USPAT; US-PGPUB	2004/10/21 09:34
31	13859	((trench groove hole via opening recess damascene) with (etch\$3 with (gas plasma)))	USPAT; US-PGPUB	2004/10/21 09:53
32	9410	((trench groove hole via opening recess damascene) with (etch\$3 with (gas plasma))) and ((trench groove hole via opening recess damascene) with (insulat\$4 dielectric))	USPAT; US-PGPUB	2004/10/21 09:53
33	1062	(((trench groove hole via opening recess damascene) with (etch\$3 with (gas plasma))) and ((trench groove hole via opening recess damascene) with (insulat\$4 dielectric))) and (trench groove hole via opening recess damascene) with ((chlorine 'cl' hydrogen 'h') with (gas plasma))	USPAT; US-PGPUB	2004/10/21 10:00
34	200	(((trench groove hole via opening recess damascene) with (etch\$3 with (gas plasma))) and ((trench groove hole via opening recess damascene) with (insulat\$4 dielectric))) and (trench groove hole via opening recess damascene) with ((chlorine 'cl' hydrogen 'h') with (gas plasma))) and (trench groove hole via opening recess damascene) with (silicide refractory)	USPAT; US-PGPUB	2004/10/21 09:58
35	75	((((trench groove hole via opening recess damascene) with (etch\$3 with (gas plasma))) and ((trench groove hole via opening recess damascene) with (insulat\$4 dielectric))) and (trench groove hole via opening recess damascene) with ((chlorine 'cl' hydrogen 'h') with (gas plasma))) and (trench groove hole via opening recess damascene) with (silicide refractory)) and (trench groove hole via opening recess damascene) with ((chlorine 'cl') with (gas plasma))	USPAT; US-PGPUB	2004/10/21 10:43
36	5	09/360292	USPAT; US-PGPUB	2004/10/21 10:43
-	5	09/360292	USPAT; US-PGPUB	2004/03/03 08:18
-	184313	(trench groove hole via opening recess damascene) with (etch\$3 insulat\$ dielectric)	USPAT; US-PGPUB	2004/10/21 09:52
-	8052	((trench groove hole via opening recess damascene) with (etch\$3 insulat\$ dielectric)) and ((trench groove hole via opening recess damascene) with ((etch\$3 clean\$3 remov\$4) near4 plasma))	USPAT; US-PGPUB	2004/03/03 08:27
-	2415	(((trench groove hole via opening recess damascene) with (etch\$3 insulat\$ dielectric)) and ((trench groove hole via opening recess damascene) with ((etch\$3 clean\$3 remov\$4) near4 plasma))) and (gas near4 plasma)	USPAT; US-PGPUB	2004/03/03 08:28
-	556	((((trench groove hole via opening recess damascene) with (etch\$3 insulat\$ dielectric)) and ((trench groove hole via opening recess damascene) with ((etch\$3 clean\$3 remov\$4) near4 plasma))) and (gas near4 plasma)) and (plasma with hydrogen)	USPAT; US-PGPUB	2004/03/03 08:29
-	561	((((trench groove hole via opening recess damascene) with (etch\$3 insulat\$ dielectric)) and ((trench groove hole via opening recess damascene) with ((etch\$3 clean\$3 remov\$4) near4 plasma))) and (gas near4 plasma)) and (plasma with (hydrogen 'h2'))	USPAT; US-PGPUB	2004/03/03 08:30
-	135	((((trench groove hole via opening recess damascene) with (etch\$3 insulat\$ dielectric)) and ((trench groove hole via opening recess damascene) with ((etch\$3 clean\$3 remov\$4) near4 plasma))) and (gas near4 plasma)) and (plasma with hydrogen)) and (plasma with (chlorine 'cl'))	USPAT; US-PGPUB	2004/03/03 08:30
-	137	((((trench groove hole via opening recess damascene) with (etch\$3 insulat\$ dielectric)) and ((trench groove hole via opening recess damascene) with ((etch\$3 clean\$3 remov\$4) near4 plasma))) and (gas near4 plasma)) and (plasma with (hydrogen 'h2'))) and (plasma with (chlorine 'cl'))	USPAT; US-PGPUB	2004/03/03 08:30
-	137	((((((trench groove hole via opening recess damascene) with (etch\$3 insulat\$ dielectric)) and ((trench groove hole via opening recess damascene) with ((etch\$3 clean\$3 remov\$4) near4 plasma))) and (gas near4 plasma)) and (plasma with (hydrogen 'h2'))) and (plasma with (chlorine 'cl'))) and (trench groove hole via opening recess damascene etch\$3 insulat\$ dielectric etching hydrogen chlorine plasma substrate silicon)	USPAT; US-PGPUB	2004/03/03 08:31

	19	(((((trench groove hole via opening recess damascene) with (etch\$3 insulat\$ dielectric)) and ((trench groove hole via opening recess damascene) with ((etch\$3 clean\$3 remov\$4 near4 plasma))) and (gas near4 plasma)) and (plasma with (hydrogen 'h2'))) and (plasma with (chlorine 'cl'))) and (trench groove hole via opening recess darnascene etch\$3 insulat\$ dielectric etching hydrogen chlorine plasma substrate silicon)) and ((trench groove hole via opening recess damascene) with (silicide refractory)) 10/039517	USPAT; US-PGPUB	2004/10/21 09:34
	1		USPAT; US-PGPUB	2004/03/03 09:14

- Drafts
 - Pending
 - Active
 - ↳ L45: (16452) (trench groove hole via opening recess damascene) with ((etch\$3 pattern\$4) with (gas plasma))
 - ↳ L46: (10122) 45 and ((trench groove hole via opening recess damascene) with (insulator\$4 dielectric))
 - ↳ L47: (2318) 46 and ((hydrogen 'h') with (gas plasma))
 - ↳ L48: (458) 47 and ((chlorine) with (gas plasma))
 - ↳ L49: (320) 48 and ((substrate) with (gas plasma))
 - ↳ L50: (60) 49 and ((trench groove hole via opening recess damascene) with (silicide refractory))

Failed

- ☒ (0) 46 and (((hydrogen 'h') with ((etch\\$3 pattern\\$4) with (gas plasma)))
 - ☒ (0) 46 and (((hydrogen 'h') with ((etch\\$3 pattern\\$4) with (gas plasma)))

Saved

- ☒ (5) 09/360292
 - ☒ (184313) ((trench groove hole via opening recess damascene) with (etch\$3 insula\$ dielectric))
 - ☒ (8052) ((trench groove hole via opening recess damascene) with (etch\$3 insula\$ dielectric)) an
 - ☒ (2415) (((trench groove hole via opening recess damascene) with (etch\$3 insula\$ dielectric)) a
 - ☒ (556) (((trench groove hole via opening recess damascene) with (etch\$3 insula\$ dielectric)) a
 - ☒ (561) (((trench groove hole via opening recess damascene) with (etch\$3 insula\$ dielectric)) a
 - ☒ (135) (((((trench groove hole via opening recess damascene) with (etch\$3 insula\$ dielectric))
 - ☒ (137) (((((trench groove hole via opening recess damascene) with (etch\$3 insula\$ dielectric))

U	Document ID	Issue Date	Pages	Title	Current OR	Current XR	Retrieval C	Inventor	S	C	P	N	3	In
1	US 20020523	20020523	9	System and device including a	257/412			Powell, Don Carl et al.	<input checked="" type="checkbox"/>	US				